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FILED VIA FACSIMILE

PATENT APPLICATION  
Docket No.: 13768.604.22

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Andy Harjanto	)
		)
Serial No.:	10/620,095	)
		) Art Unit
Confirmation No.:	8726	) 2161
		)
Filed:	July 15, 2003	)
		)
For:	METHOD AND SYSTEM FOR ACCESSING DATABASE OBJECTS IN POLYARCHICAL RELATIONSHIPS USING DATA PATH EXPRESSIONS	)
		)
Examiner:	Safet Metjahic	)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

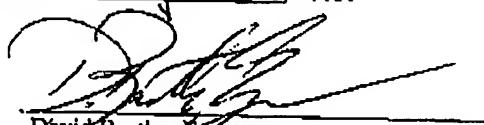
The undersigned, David Bartley Eppenauer, declares: that he is Assistant Secretary of MICROSOFT CORPORATION, and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of MICROSOFT CORPORATION; and that MICROSOFT CORPORATION, is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 014309, Frame 0345, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee MICROSOFT CORPORATION. The assignee, MICROSOFT CORPORATION, hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints as our attorneys and/or patent agents all listed under Customer No. 047973; and DAVID BARTLEY EPPENAUER, Registration No. 35,499, MARTIN L. SHIVELY, Registration No. 33,553. PATRICIA E. BORNES, Registration No. 37,038, STACY QUAN,

Registration No. 33,760, JEFFREY L. RANCK, Registration No. 38,590 and JOHN WERESH, Registration No. 32,332, of MICROSOFT CORPORATION, One Microsoft Way, Redmond, Washington 98052, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

RICK D. NYDEGGER  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed at Redmond, Washington, this 8 day of AUGUST, 2005.

  
David Bartley Eppenauer  
Assistant Secretary  
MICROSOFT CORPORATION  
One Microsoft Way  
Redmond, Washington 98052

DMS0000008669V001

221222  
Mary Smith

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 06, 2004

PTAS



\*102510000A\*

LEYDIG, VOIT & MAYER, LTD.  
Y. KURT CHANG  
TWO PRUDENTIAL PLAZA  
STE. 4900  
CHICAGO, IL 60601-6780UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/15/2003

REEL/FRAME: 014309/0345  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

HARJANTO, ANDY

DOC DATE: 07/14/2003

## ASSIGNEE:

MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WASHINGTON 98052SERIAL NUMBER: 10620095  
PATENT NUMBER:FILING DATE: 07/15/2003  
ISSUE DATE:SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDSLEYDIG, VOIT & MAYER  
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PATENT Due Date

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REC		07-29-2003		U.S. Department of Commerce Patent and Trademark Office <b>PATENT</b>	
TO: The Commissioner of Patents and Tr		102510000 7/15/03		Patent document(s) or copy(ies).	
<b>Submission Type</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID # <input type="checkbox"/> Correction of PTO Error Reel # Frame # <input type="checkbox"/> Corrective Document Reel # Frame #		<b>Conveyance Type</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:			
<b>Conveying Party(ies)</b> 1. Andy Harjanto 2. 3. 4. 5. 6. <input type="checkbox"/> Mark if Additional Names of Conveying Parties Attached		<b>Execution Date(s)</b> July 14, 2003			
<b>Receiving Party</b> Name Microsoft Corporation Name Address One Microsoft Way Address Address Redmond Washington 98052 City State/Country Zip Code <input type="checkbox"/> Mark if Additional Names of Receiving Parties Attached		10620095			
<b>Correspondent Name and Address</b> Y. Kurt Chang, Reg. No. 41397 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780		<b>Telephone:</b> (312) 816-5600 <b>Facsimile:</b> (312) 816-5700 <b>Attorney Docket No.</b> 221222			
<b>Pages</b> Enter the total number of pages of the attached conveyance document including any attachments: 2		<b>Application Number(s) or Patent Number(s)</b> Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). <input type="checkbox"/> Mark if additional numbers attached			
<b>Patent Application Numbers</b>		<b>Patent Numbers</b>			
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.		Month Day Year 7/14/03			
<b>Patent Cooperation Treaty (PCT)</b> Enter PCT application number only if a U.S. Application Number has not been assigned.		PCT PCT PCT PCT PCT PCT			
<b>Number of Properties</b>		Enter the total number of properties involved: 1			
<b>Fee Amount</b> Method of Payment: <input type="checkbox"/> Enclosed is a check in the amount of <input checked="" type="checkbox"/> Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Fee Amount for Properties Listed (37 CFR 3.41): \$40.00			
<b>Statement and Signature</b> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.					
Y. Kurt Chang, Reg. No. 41397 Name of Person Signing		[Signature] Signature		July 15, 2003 Date	

07/28/2003 LUMELLER 00000242 121216 10620095

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventorship ..... HARJANTO  
Applicant ..... Microsoft Corporation  
Attorney Docket No. .... 221222  
MS Docket No. .... 303164.01  
Title: METHOD AND SYSTEM FOR ACCESSING DATABASE OBJECTS IN POLYARCHICAL  
RELATIONSHIPS USING DATA PATH EXPRESSIONS

**PATENT ASSIGNMENT****PARTIES TO THE ASSIGNMENT****Assignor(s):**

Andy Harjanto  
23315 NE 15<sup>th</sup> Street  
Sammamish, Washington 98074

**Assignee:**

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "METHOD AND SYSTEM FOR ACCESSING DATABASE OBJECTS IN POLYARCHICAL RELATIONSHIPS USING DATA PATH EXPRESSIONS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Attorney Docket No. 221222  
MS Docket No. 303164.01  
Serial No. (if known) \_\_\_\_\_

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

July 14, 2003  
Date

Andy Harjanto

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